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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: Jolly
Serial No.: 09/970,552
Filed: 10/04/2001
Title: Remote Wellness Monitoring and Communication

Docket No.: 2001P18420US
Examiner: Nakhjavan, Shervin K
Group Art Unit: 2621
Date: August 30, 2005

CERTIFICATE OF MAILING

I hereby certify that correspondence is being deposited on August 30, 2005 with the U.S. Postal Service with sufficient postage as first class mail on the below-indicated date in an envelope addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231

Donald B. Paschburg
Donald B. Paschburg, Reg. No.: 33,763

Assistant Commissioner for Patents
Washington, DC 20231

PETITION FOR WITHDRAWAL FROM HOLDING OF ABANDONMENT

Sir:

PETITION

Applicant hereby petitions for withdrawal from a holding of abandonment dated 08/04/2005, copy enclosed, due to Applicant's failure to timely file the Response as required in the Notice of Drawing Inconsistency.

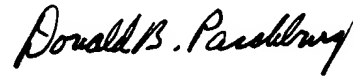
REASON (S) FOR WITHDRAWAL REQUEST

The reason for withdrawal from a holding of abandonment of this application is because Applicant filed the Response as required. Enclosed is a copy of the Amendment dated May 18, 2005, including a Certificate of Mailing. Also enclosed is a copy of a postcard stamped by the PTO on May 20, 2005, well before the due date of May 29, 2005.

It is believed that no fee is due with this Petition of Withdrawal, however, if a fee is due, please charge deposit account number 19-2179.

If you have any questions, or if further information is requested, please contact the undersigned at 732-321-3191.

Respectfully submitted,



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Enclosure:

VR



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TO THE U.S. PATENT & TRADEMARK OFFICE

Please stamp the date of receipt of the following document(s) and return this card to us.

EXPRESS MAIL LABEL NO.:

Title of Document: Amendment (3 pages)

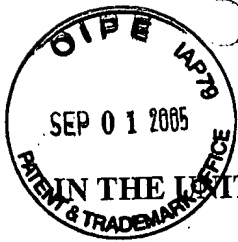
Serial No.: 09/970,552

Paper Dated: 18.May.2005

Atty Dkt No.: 2001P18420 US

Attorney: Donald B. Paschburg / VR





Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jolly et al. Examiner: Nakhjavan, Shervin K.
Serial No: 10/721,399 Group Art Unit: 2621
Filed: October 4, 2001 Docket: 2001P18420US (8706-521)
Date: May 18, 2005
For: **SYSTEM AND METHOD FOR SEGMENTING THE LEFT VENTRICLE IN A CARDIAC MR IMAGE**

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 C.F.R. 1.312

Examiner:

In response to the **Notice of Drawing Inconsistency with Specification** mailed April 29, 2005, please consider the following amendment and remarks before issuance of the above-identified application.

CERTIFICATE OF MAILING 37 C.F.R. §1.8(a)

I hereby certify that this correspondence (and any document referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail, postage paid in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 18, 2005.

Dated: 05/18/2005

Donald B. Paschburg
Donald B. Paschburg, Reg. No. 33,753

AMENDMENTS TO THE SPECIFICATION

Please amend the Brief Description of the Drawings found at page 8, line 6, as follows:

Preferred embodiments of the present invention will be described below in more detail, with reference to the accompanying drawings:

Fig. 1 is a flow chart showing a method of segmentation according to an embodiment of the present invention;

Fig. 2a shows an input image according to an embodiment of the present invention;

Fig. 2b shows a histogram of the input image of Fig. 2a, fitted with a mixture of Gaussians according to an embodiment of the present invention;

Fig. 2c shows a myocardium response image according to an embodiment of the present invention;

Figs. 3a-b show an example of two passes of Dijkstra's method according to an embodiment of the present invention;

Figs. 4a-f show an example of applying shape constraints to recover the myocardium contours according to an embodiment of the present invention;

Figs. 5a-d show an example of a graph cut method according to an embodiment of the present invention; and

~~Figs. 6a-b are graphs~~ Fig. 6 is a graph showing a cumulative distribution of error distances between true contours and segmented contours, over all points, over all images, and over all patients.

REMARKS

Applicants appreciate the Examiner's issuance of the Notice of Allowability.

The above amendment corrects an inconsistency between the drawings and the Brief Description of the Drawings. Specifically, in the the Brief Description of the Drawings "Figs. 6a-b are graphs..." has been amended to "Fig. 6 is a graph..."

The present amendment is believed to be needed for proper disclosure of the invention, and require no substantial amount of additional work on the part of the Office.

Early and favorable consideration of the application is respectfully requested.

Respectfully submitted,

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